

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

			•	
() Origin	aal () Supplemental () Sub	ostitute (X) PCT	() Design	
to my name; that I verily believe the joint inventor (if plural inventors are entitled:		entor (if only one name is	s listed below) o	r an original, first and
Title: STORAGE-TYPE DATA I	RECEIVER			
of which is described and claimed in () the attached specification, or (X) the specification in the application in the applica	ion Serial No.PCT/JP99/04510		999 ;	
and with amendments through () the specification in International on(Application No. PCT/(if applicable).	e), or , filed		, and as amended
I hereby state that I have reviewed by any amendment(s) referred to all		above-identified specificat	ion, including the	e claims, as amended
I acknowledge my duty to disclose defined in Title 37, Code of Federa	to the Patent and Trademark Office I Regulations, §1.56.	all information known to	me to be mater	rial to patentability as
I hereby claim priority benefits under for patent or inventor's certificate li a filing date before that of the applic	sted below and have also identified b	(and §172 if this application for particular for pa	on is for a Design patent or invento) of any application(s) or's certificate having
COUNTRY	APPLICATION NO.	DATE OF	FILING	PRIORITY CLAIMED
Japan	244864/1998	August	31, 1998	Yes
				· · · · · · · · · · · · · · · · · · ·
	<u> </u>			

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not dislosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

And I hereby appoint John T. Miller, keg. No. 21,120; Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Jeffrey Nolton, Reg. No. 25,408; Warren M. Cheek, Jr., Reg. No. 33,367; Nils E. Pedersen, Reg. No. 33,145 and Charles R. Watts, Reg. No. 33,142, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from Ogasawara Patent Office as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Send Correspondence to

WENDEROTH, LIND & PONACK, L.L.P. 2033 K Street, N.W., Suite 800

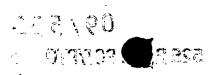
Washington, DC 20006

Direct Telephone Calls to:

WENDEROTH, LIND & PONACK, L.L.P. Area Code (202) 721-8200

Direct Facsimile Messages to: Area Code (202) 721-8250

Full Name of First Inventor	FAMILY NAME HENMT	FIRST GIVEN NAME Hidemi	SECOND GIVEN NAME
Residence & Citizenship	crry Otsu	STATE OR COUNTRY Japan J	country of citizenship Japan
Post Office Address	ADDRESS 2-28-23, Jinryo, Otsu-shi,	Shiga 520-2132	STATE OR COUNTRY ZIP CODE JAPAN 520-2132
Full Name of Second Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Third Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Fourth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	СІТУ	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE





Full Name of Fifth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	. COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	СІТУ	STATE OR COUNTRY ZIP CODE
Full Name of Sixth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Seventh Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	СІТУ	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Believed to be true; ar funishable by fine or statements may jeopa	nd further that these statements were not imprisonment, or both, under Section ardize the validity of the application or	nade with the knowledge that won 1001 of Title 18 of the Unit any patent issuing thereon.	rillful false statements and the like so made ited States Code, and that such willful f
Believed to be true; ar funishable by fine or statements may jeopa	nd further that these statements were no imprisonment, or both, under Section	nade with the knowledge that won 1001 of Title 18 of the Unrany patent issuing thereon.	rillful false statements and the like so made ited States Code, and that such willful for Date April 20, 2000
believed to be true; ar punishable by fine or statements may jeopa 1st Inventor	and further that these statements were not imprisonment, or both, under Section ardize the validity of the application of Midemi Henmi	nade with the knowledge that won 1001 of Title 18 of the Unrany patent issuing thereon. Hidemi HENMI	rillful false statements and the like so made ited States Code, and that such willful for Date April 20, 2000
believed to be true; ar punishable by fine or statements may jeopa st Inventor	and further that these statements were not imprisonment, or both, under Section ardize the validity of the application of Midemi' Hemmi	nade with the knowledge that won 1001 of Title 18 of the Unrany patent issuing thereon. Hidemi HENMI	Date
believed to be true; are punishable by fine or statements may jeopa 1st Inventor2nd Inventor3rd Inventor	and further that these statements were not imprisonment, or both, under Section ardize the validity of the application or Midemi Henmi	nade with the knowledge that won 1001 of Title 18 of the Unit any patent issuing thereon. Hidemi HENMI	rillful false statements and the like so made ited States Code, and that such willful for the Date April 20, 2000 Date Date Date
believed to be true; are punishable by fine or statements may jeoparate to the first inventor	and further that these statements were not imprisonment, or both, under Section ardize the validity of the application of Midemi Hemmi	nade with the knowledge that won 1001 of Title 18 of the Unit of any patent issuing thereon. Hidemi HENMI	rillful false statements and the like so made ited States Code, and that such willful false and the such willful false and the such will false and that such willful false and the such will false and
Believed to be true; ar punishable by fine or statements may jeopa statements may jeopa statements may jeopa statements may jeopa statement statem	and further that these statements were not imprisonment, or both, under Section and its the validity of the application of Midema' Hemmi	nade with the knowledge that won 1001 of Title 18 of the Unit of any patent issuing thereon. Hidemi HENMI	rillful false statements and the like so made ited States Code, and that such willful for the description of
believed to be true; are nunishable by fine or statements may jeoparts Inventor	and further that these statements were not imprisonment, or both, under Section and its the validity of the application of Midema' Hemmi	nade with the knowledge that won 1001 of Title 18 of the Unrany patent issuing thereon. Hidemi HENMI	rillful false statements and the like so made ited States Code, and that such willful false and the such willful false and the such will false and that such willful false and the such will false and
Believed to be true; ar munishable by fine or statements may jeopa at the statement of the	and further that these statements were not imprisonment, or both, under Section ardize the validity of the application of Midemi Hemmi	nade with the knowledge that won 1001 of Title 18 of the Unrany patent issuing thereon. Hidemi HENMI	rillful false statements and the like so made ited States Code, and that such willful false states are considered as a constant of the code of the
The above app	and further that these statements were not imprisonment, or both, under Section ardize the validity of the application of Midemi Hemmi	nade with the knowledge that won 1001 of Title 18 of the Unit of any patent issuing thereon. Hidemi HENMI	rillful false statements and the like so made ited States Code, and that such willful false states are considered as a considered state state state states and the like so made ited states are considered as a considered state state states and the like so made ited states are considered as a considered state state states and the like so made ited states are considered as a considered as a considered states are considered as a conside
Selieved to be true; ar sunishable by fine or statements may jeopa statement sta	ind further that these statements were not imprisonment, or both, under Section ardize the validity of the application of Midemi Hemmi Hemmi	tified as follows: Filing Date	rillful false statements and the like so made ited States Code, and that such willful for the states Code, and that such willful for the states are states and the like so made ited States Code, and that such willful for the states are states and the like so made ited. Date